



N.C. Department of Transportation

Contract Resurfacing & Bridge Program

Appropriations Committee

April 17, 2012



Contract Resurfacing Program

Provides funding for resurfacing the paved road system with asphalt

Increases pavement thickness by ~1 to 2 inches

Most cost effective when pavement condition is in good to fair condition

Goal is to resurface road prior to the sharp downward trend to the pavement condition rating

Program ~98% Delivered by Private Industry





Data Driven Process

Pavement Condition Survey

Historically performed every 2 years

Migrating to continuous rating process

Provide uniform condition of pavements

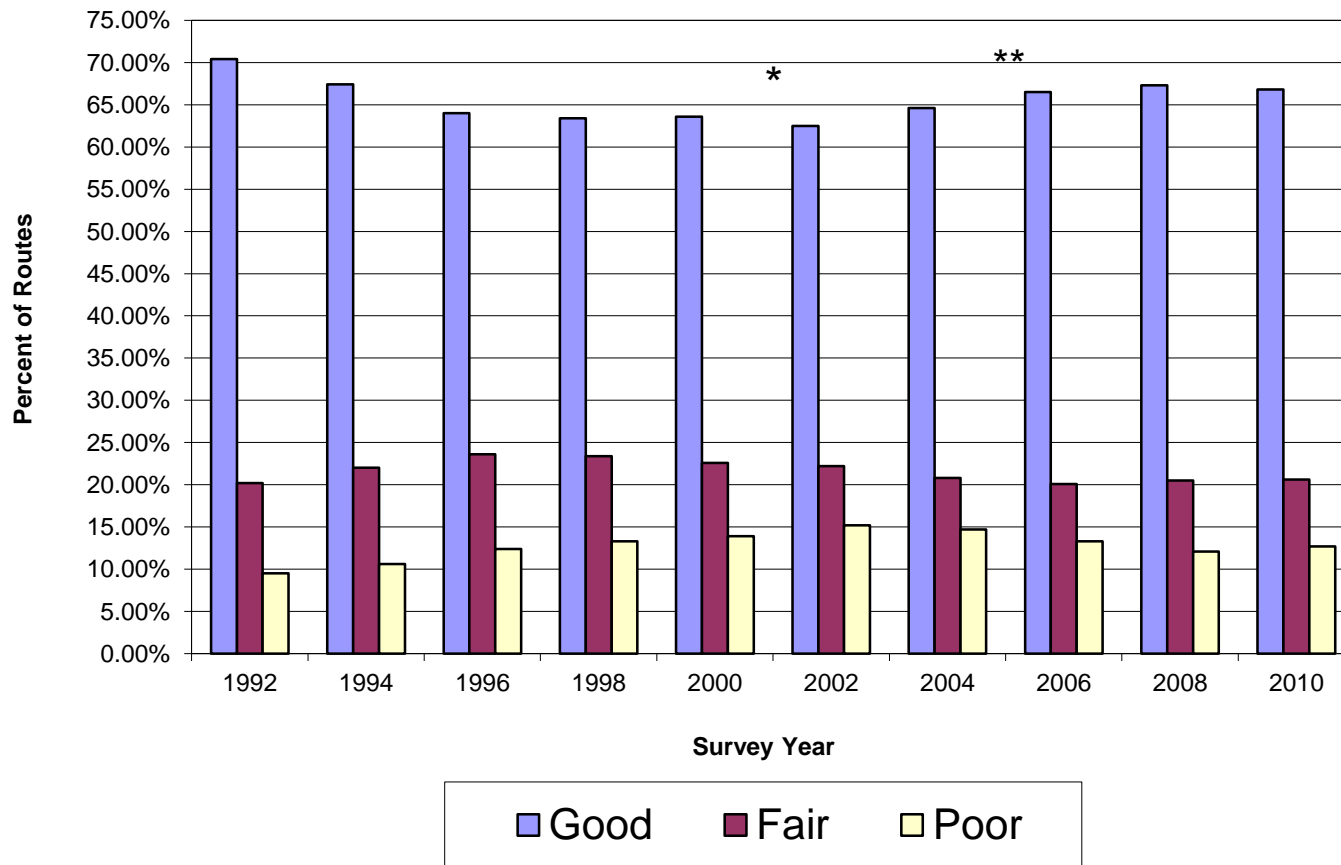
Prioritize system needs and allocations by Division for primary system, by County for secondary system

2012 Condition survey to be completed by June





Overall PCR History



*SB1005
Resurfacing
program

**NCMA
program

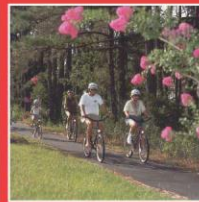
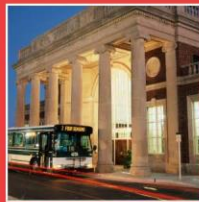
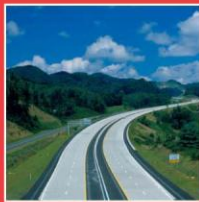




Historical Funding for C/R Program

SFY	\$(M)
2007	270
2008	277
2009	277
2010	300
2011	267
* 2012	406





Update on FY 2012 C/R Program

Number of Contracts Awarded	172
Number of Contract Firms	42
Total \$'s Awarded	\$322M
Tons of Asphalt Distributed	2.4M
Number of Miles Let to Contract	~ 2160





State Funded Bridge Program

SFY	\$(M)
2012	214
2013	<u>228</u>
Total	442

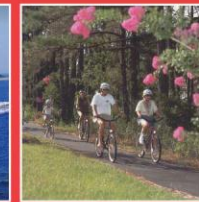
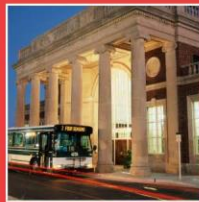
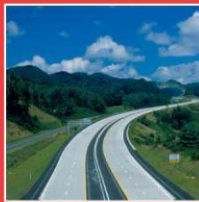
~ 98% Utilization of Private Sector (Design and Construction)

Express Design Build Process to help accelerate delivery of this program

Cluster several bridges into one contract

Individual bridge projects (“little guy”)

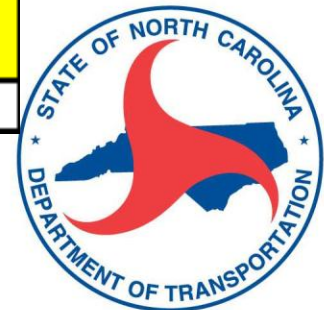




Total Bridge Program

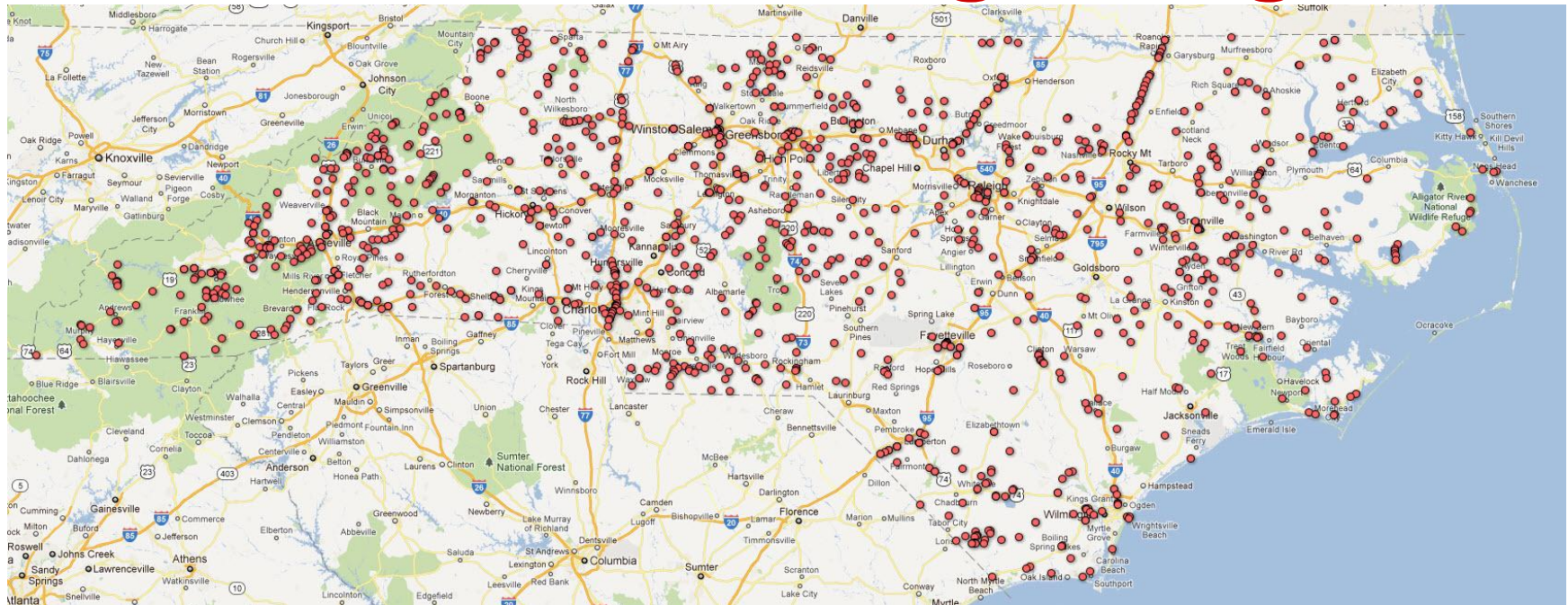
Improvement Type	Grand Total	
TIP Bridge Preservation (FA)	138	Federal Aid Program (613)
TIP Bridge Rehabilitation (FA)	15	
TIP Bridge Replacement (FA)	193	
Bridge Replacement (BK program) (FA)	10	
Bridge Replacement (Low Impact-BD Program) (FA)	222	
Bridge Preservation (BP program) (FA)	35	
Accelerated TIP Bridge Replacement (ST)	6	State Funded Program (1286)
Bridge Replacement (not currently on TIP) (ST)	392	
Bridge Replacement (Design-Build) (ST)	309	
Bridge Rehabilitation (Jacking) (ST)	15	
Bridge Rehabilitation (ST)	43	
Bridge Preservation (ST)	501	
Other State funds	20	
Grand Total	1899	<--Total Projects

Multiple project types (Replace, Rehab, Preservation)
Project letting from Jul 2011 though Dec 2013





State Funded Bridge Program

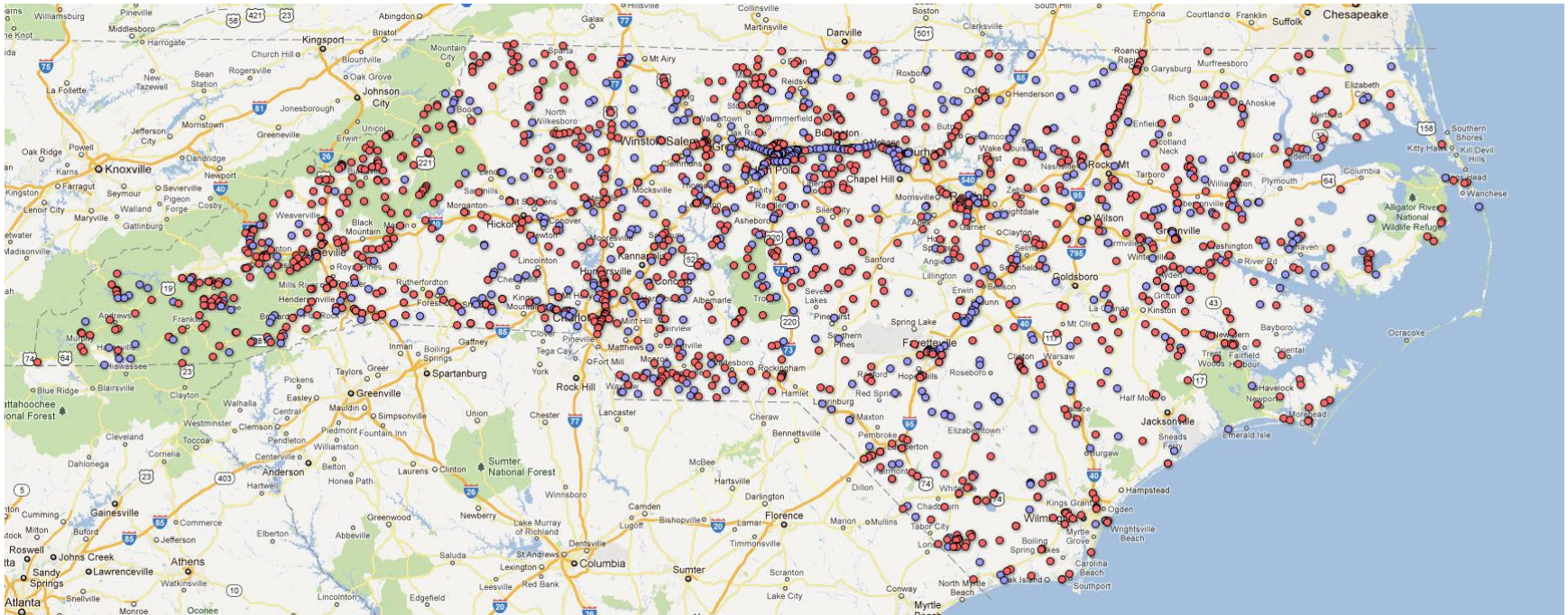


State Funded Projects to be Let from Jul 2011 through Jun 2013





Bridge Program (Fed & State)



Projects to be Let from Jul 2011 through Dec 2013





State Funded Bridge Program Progress

Bridge Projects Awarded Since July (75 individual contracts)	267
Projects in pipeline to be advertised	1000
Number of Design Firms	52
Number of Contract Firms	28

- Contract completion dates extend into 2015
- Aware of contractor availability, complexity and schedule challenges





For More Information Visit:

<http://www.ncdot.gov/projects/ncbridges/improvement.html>

Questions

